

Managing Your Smart Flood Network

Product Deployment
Application Guide



Flood Level + Rain Gauging

Capture valuable rainfall and level data from level and rainfall gauging site deployments. Offered in many factory-built configurations to suit customers field deployment needs.

- River / Stream / Dam Level Monitoring in near real time
- Flood Warning Alerting and Modelling Applications
- User configurable data logging and alert / alarm reporting regimes
- High Value, Low-Cost Permanent Site Deployment with proven reliability.

EQUIPMENT PACKAGE INCLUDES

- Pre-wired / pre-built Premium Pole mounted Stainless Steel Solar Enclosure with integrated Solar Panel
- Site Sentinel® X1 4G Cat-M1/NB-IoT Cellular Data Logger
- Plug-and-Play Level Sensor and Rain Gauge

PACKAGE OPTIONS

- Level sensor of choice, hydrostatic, ultrasonic or radar
- High-gain antennas and pole / structure mounting accessories
- Full factory programming/Cloud Hosted Data Services

Flood Level + Vision + Rainfall

Designed to complement your Level and Rainfall Gauging Stations, this Level + Vision + Rainfall package adds Image Capture capability at strategic locations throughout your flood warning network.

- River / Stream / Dam Level Monitoring in near real time
- Flood Warning Alerting and Modelling Applications
- User configurable data logging and alert / alarm reporting regimes
- High Value, Low-Cost Permanent Site Deployment with proven reliability.

EQUIPMENT PACKAGE INCLUDES

- Pre-wired / pre-built Premium Pole mounted Solar Enclosure with integrated Solar Panel
- Site Sentinel® X1-003 4G Cat-M1 / NB-IoT Cellular Data Logger
- Plug-and-Play Level Sensor, JPEG Image Capture Camera, and Rain Gauge

PACKAGE OPTIONS

- Level sensor of choice, hydrostatic, ultrasonic or radar
- Optional 0.2mm Tipping Bucket Rain Gauge
- High-gain antennas and pole / structure mounting accessories
- Full factory programming / Cloud Hosted Data Services



Flood Level + Vision + Flow

Designed to complement your Level and Vision Stations, this Level + Vision + Flow package adds both Velocity Flow Monitoring and Image Capture capability at strategic locations throughout your flood warning network.

- River / Stream / Dam Level and Flow Monitoring in near real time
- Flood Warning Alerting and Modelling Applications
- User configurable data logging and alert / alarm reporting regimes
- High Value, Low-Cost Permanent Site Deployment with proven reliability.

EQUIPMENT PACKAGE INCLUDES

- Pre-wired / pre-built Premium Pole mounted Solar Enclosure with integrated Solar Panel
- Site Sentinel® X1-003 4G Cat-M1 / NB-IoT Cellular Data Logger
- Plug-and-Play Combination Radar Velocity and Level Sensor, JPEG Image Capture Camera, and Rain Gauge

PACKAGE OPTIONS

- Optional 0.2mm Tipping Bucket Rain Gauge
- High-gain antennas and pole / structure mounting accessories
- Full factory programming / Cloud Hosted Data Services

Flood Weather Stations

Complement your Flood Warning Stations with Weather Station packages at strategic locations throughout your flood warning network.

- Weather Monitoring in near real time
- Flood Warning Alerting and localised weather modelling applications
- User configurable data logging and alert / alarm reporting regimes
- High Value, Low-Cost Permanent Site Deployment with proven reliability.

EQUIPMENT PACKAGE INCLUDES

- Pre-wired / pre-built Premium Pole mounted Solar Enclosure with integrated Solar Panel
- Site Sentinel® X1-003 4G Cat-M1 / NB-IoT Cellular Data Logger
- Plug-and-Play Non-moving parts 5 or 7 sensor Weather Station and Rain Gauge, recording wind speed, wind direction, ambient temperature, humidity, barometric pressure, dew point, and optional solar radiation.

PACKAGE OPTIONS

- Optional JPEG Image Capture Camera
- High-gain antennas, tripod masts and pole / structure mounting accessories
- Full factory programming / Cloud Hosted Data Services



About 37South

37South is an Australian Based Industrial Product Design and Engineering Company.

We design and develop class-leading ultra-low powered 4G Cat-M1/NB-IoT Cellular, Radio and Satellite based RTU and Data Logger products.

Under the brands of Site Sentinel[®], Site Sentinel Aeos[®] and Metermade[®], these products support industry-standard protocols such as DNP3 and Modbus for the Utility sector.

We have a long history of delivering innovative SCADA and Communications Systems Integration solutions in the Utility sector across Australia, and a rich heritage in the product design space for the Utility industry.

All Site Sentinel[®], Site Sentinel Aeos[®] and Metermade[®] products are proudly designed and manufactured in Australia, preserving our long standing commitment to supply Australian-made products to our end customers.

Due to their high reliability and our emphasis on product support, our products are trusted time and time again by leading utility organisations worldwide.

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